

We claim:

1. A firearm having a receiver configured to receive a tabbed magazine, comprising:
 - a receiver well configured to control movement of the tabbed magazine when the tabbed magazine is inserted into the receiver well;
 - a slot in the receiver well, wherein the slot is configured to receive a tab on the tabbed magazine when the tabbed magazine is inserted into the receiver well; and
 - a magazine catch, wherein the magazine catch is configured to engage a locking feature on the tabbed magazine when the tabbed magazine is inserted into the receiver well.
2. The firearm of claim 1, further comprising a receiver stop, the receiver stop configured to prevent over insertion of the tabbed magazine.
3. The firearm of claim 2, wherein the receiver stop, the magazine catch, and the receiver well hold the magazine in place.
4. The firearm of claim 1, wherein the receiver well includes a rib for engaging the tabbed magazine, the rib configured to control movement of the tabbed magazine when the tabbed magazine is inserted into the receiver well.
5. The firearm of claim 1, wherein the receiver well includes a chamfer configured to aid insertion of the tabbed magazine.
6. The firearm of claim 1, further comprising a magazine release button, and wherein the receiver comprises a right side and a left side, and wherein the magazine release button is accessible from either the right or left side of the receiver.
7. The firearm of claim 1, further comprising a bolt stop button, and wherein the receiver comprises a right side and a left side, and wherein the bolt stop button is accessible from either the right or left side of the receiver.

8. The firearm of claim 6, further comprising a bolt stop button, and wherein the bolt stop button is accessible from either the right or left side of the receiver.

9. The firearm of claim 1, wherein the magazine catch is rotatably mounted to the receiver and the translation of the magazine release button causes the magazine catch to rotate.

10. The firearm of claim 1, further comprising:
an ambidextrous magazine release button, the magazine release button configured for use by the trigger finger of the user; and
an ambidextrous bolt stop button, the bolt stop button configured for use by the trigger finger of the user.

11. A magazine release system for a receiver on a firearm, the receiver having a right side and a left side, comprising:

a magazine catch moveably mounted to the firearm receiver, the magazine catch having an engaged position and a disengaged position;
a magazine release pin, the magazine release pin having a first longitudinal end, a second longitudinal end, the magazine release pin associated with the magazine catch and configured to move the magazine catch from the engaged position to the disengaged position;
a first magazine release button mounted on the first longitudinal end of the magazine release pin, the first magazine release button located on the right side of the firearm receiver, wherein pushing the first magazine release button causes the magazine release pin to translate so that the magazine catch is moved from the engaged position to the disengaged position;
and
a second magazine release button mounted on the second longitudinal end of the magazine release pin, the second magazine release button located on the left side of the firearm receiver, wherein pushing the second magazine release button causes the magazine release pin to translate so that the magazine catch is moved from the engaged position to the disengaged position.

12. The system of claim 11, wherein the magazine catch is rotatably mounted to the receiver.

13. The system of claim 11, wherein the magazine release pin includes a v-notch having a first diameter and a second diameter, wherein pushing either of the first or second magazine release buttons causes the magazine release pin to translate, and the translation of the magazine release pin causes the magazine catch to move from the first diameter to the second diameter, the movement of the magazine catch from the first to the second diameter causing the magazine catch to move from the engaged position to the disengaged position.

14. A bolt stop system for a receiver on a firearm, the receiver having a right side and a left side, comprising:

- a bolt stop member translatable mounted to the receiver;
- a bolt stop mounted on the bolt stop member;
- a first bolt stop button mounted to the bolt stop member, the first bolt stop button located on the right side of the receiver;
- a second bolt stop button mounted to the bolt stop member, the second bolt stop button located on the left side of the receiver;
- a bolt stop pin mounted to the bolt stop member between the bolt stop and the bolt stop button, the bolt stop pin configured to interface with a cartridge follower of a magazine.

15. The system of claim 14, wherein the first bolt stop button extends beyond the right side of the receiver and the second bolt stop button extends beyond the left side of the receiver.

16. The system of claim 14, wherein the bolt stop has a non-blocking position and a blocking position, and pressing down on the first bolt stop button causes the bolt stop to move toward the non-blocking position and pressing down on the second bolt stop button causes the bolt stop to move toward the non-blocking position.

17. A firearm having a receiver adapted to receive a tabbed magazine and configured for ambidextrous use, comprising:

a first bolt stop button located on a right side of the receiver;

a second bolt stop button located on a left side of the receiver, wherein the first and second bolt stop buttons can be used to move a bolt stop from a blocking to a non-blocking position;

a first magazine release button located on the right side of the receiver; and

a second magazine release button located on the left side of the receiver, wherein the first and second magazine release buttons can be used to eject the tabbed magazine from the receiver.

18. The firearm of claim 17, wherein both the first bolt stop button and the first magazine release button can be activated with a right hand trigger finger of the user.

19. The firearm of claim 17, wherein both the second bolt stop button and the second magazine release button can be activated with a left hand trigger finger of the user.

20. A firearm having a receiver configured for one hand removal of a tabbed magazine, the receiver comprising:

a receiver well configured to control movement of the tabbed magazine when the tabbed magazine is inserted into the receiver well;

a slot in the receiver well, the slot configured to receive a tab on the tabbed magazine;

a magazine catch having an engaged position and a disengaged position, the magazine catch configured to engage a locking feature in a rib of the tabbed magazine when the tabbed magazine is inserted, wherein moving the magazine catch from the engaged position toward the disengaged position causes the magazine catch to disengage the locking feature so that the tabbed magazine can drop out of the receiver well.

21. The firearm of claim 20, wherein the receiver well includes a rib for use in controlling movement of the tabbed magazine when the tabbed magazine is inserted into the receiver well.

22. The firearm of claim 20, wherein the slot is configured to receive a tab on the tabbed magazine.

23. The firearm of claim 20, wherein a magazine release button is connected to the magazine catch so that pressing the magazine release button causes the magazine catch to move from the engaged to the disengaged position.

24. The firearm of claim 20, wherein a magazine follower in the tabbed magazine pushes the tabbed magazine out of the receiver well when the magazine catch moves to a disengaged position.

25. A firearm configured for one hand removal of a dual-featured magazine, comprising:

a receiver well configured to control movement of the dual-featured magazine when the tabbed magazine is inserted into the receiver well;

a magazine release pin translatable mounted to the receiver;

a magazine catch moveably mounted to the receiver and the magazine release pin, the magazine catch having an engaged position and a disengaged position, the magazine catch configured to engage a locking feature on the dual-featured magazine when the dual-featured magazine is inserted into the receiver well; and

a magazine release button mounted to the magazine release pin, wherein pressing the magazine release button translates the magazine release pin and the translation of the magazine release pin moves the magazine catch from the engaged position to the disengaged position, whereby the pressing of the magazine release button causes the magazine to drop out of the receiver well.

26. The firearm of claim 25, further comprising a slot in the receiver well, the slot configured to receive a tab on the tabbed magazine, wherein the slot allows the tabbed magazine to be inserted into the receiver without the tab on the magazine contacting the receiver well.

27. The firearm of claim 25, wherein the magazine catch is rotatably mounted to the receiver.